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(54) Title: **RAPAMYCIN PEPTIDES CONJUGATES: SYNTHESIS AND USES THEREOF**

(57) Abstract: The present invention relates to new rapamycin derivatives for the inhibition of cell proliferation. The compounds can advantageously target two proteins in dividing cells and interfere with cell cycle. There is thus provided derivatives of rapamycin in which the 42 position of rapamycin is linked to an amino acid or a peptide through a carbamate ester linkage. These rapamycin derivatives can be synthesized by reacting 42-O-(4-Nitrophenoxycarbonyl) rapamycin and an amino acid or a free amino peptide under basic conditions. These rapamycin derivatives can be used to inhibit the cell cycle and are therefore useful for treating cell proliferation disorders.

WO 2005/042567 A1